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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/752,799	12/28/2000	Albert Y. Teng	42390P10833	9363

8791 7590 07/19/2004

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EXAMINER

MIZRAHI, DIANE D

ART UNIT	PAPER NUMBER
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2175

13

DATE MAILED: 07/19/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/752,799

Applicant(s)

TENG ET AL.

Examiner

DIANE D. MIZRAHI

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 24 May 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-15 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-15 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

DIANE D. MIZRAHI
PRIMARY PATENT EXAMINER
TECHNOLOGY CENTER 2100

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- ☐ Notice of References Cited (PTO-892)
- ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____
- ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- ☐ Notice of Informal Patent Application (PTO-152)
- ☐ Other: _____

III. DETAILED ACTION

Claims 1-15 are presented for examination.

In response to Applicants remarks, all previous presented rejections of the claims are hereby withdrawn as to being moot.

Specification

The disclosure is objected to because of the following informalities:

a. The Schemas of Tables 1 and 2 (pages 16-24) and which also includes unnumbered table of definitions such as "Message syntax definitions" ... "Format definitions", etc. is lengthy and the elements of Tables 1 and Table 2, along with the definitions do not contain numbered elements. These are not described in the specification. Note that no new matter may be introduced into an application.

Appropriate correction is required.

Abstract

The abstract of the disclosure is objected to because the abstract is written exactly as Claim 1 and does describe the disclosure sufficiently to assist readers in deciding whether there is a need for consulting the full patent text for details. Applicant is reminded of the proper language and format for an

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abstract of the disclosure. The abstract should be in narrative form and generally limited to a single paragraph on a separate sheet within the range of 50 to 150 words. It is important that the abstract not exceed 150 words in length since the space provided for the abstract on the computer tape used by the printer is limited. The form and legal phraseology often used in patent claims, such as "means" and "said," should be avoided.

The language should be clear and concise and should not repeat information given in the title. It should avoid using phrases which can be implied, such as, "The disclosure concerns," "The disclosure defined by this invention," "The disclosure describes," etc. (MPEP 608.01 (f)).

Appropriate correction is required.

Claim Rejections - 35 USC 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

Claims 1-15 are rejected under 35 U.S.C. 103(a) as being

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unpatentable over Mann et al. (U.S. Patent# 6,298,341 B1 and Mann hereinafter) in view of Belfiore et al. (U.S. Patent# 6,009,4569 and Belfiore hereinafter).

Regarding Claims 1, 6, and 11, Mann teaches the claimed, "storing a plurality of content categories" (i.e. data store 110 for storing adjunct terms and, possibly, available domain name lists, InterNIC) (col 3, lines 50-55); and identifying (i.e. users may access a domain name service and system and receive lists of available candidate domain names) (col 3, lines 40-55) according to properties returned by (i.e. the Internet) (col 3, lines 40-55), at least one search engine (i.e. via the internet ... WWW browser; see also Figure 5A search button) (col 4, lines 27-29) suited to service a query (i.e. user may enter search terms) (col 7, lines 1-22) Figure 5A, #507) having at least one content category of the plurality of content categories (Figure 5A, #507; see also col 7, line 1-22).

Mann does not expressly teach the claimed, "a plurality of search engines".

Belfiore teaches the claimed, "a plurality of search engines" (i.e. plurality of search engines) (col 2, lines 44-47).

It would have been obvious to a person of ordinary skill in the art at the time of Applicant's invention to modify the teachings of Mann with the teachings of Belfiore to include the claimed, "plurality of search engines" with the motivation to automatically retrieve information regarding appropriate web sites so that the user can gain access to the desired web site....and also helps to increase the resilience of the system to user input) (Belfiore, col 4, lines 35-40)

Regarding Claims 2, 7, and 12, Mann teaches the claimed, "identifying at least one domain of the at least one search engine suited to service the query" (i.e. domain names consist of a root name or cipher followed by a period (pronounced "dot") which is then followed by what has been referred to as a "top level domain" indicator (e.g., ".com", ".org", ".gov", ".net", ".cc", and other domains such as country codes, etc. (col 1, lines 14-33).

Regarding Claims 3, 8 and 13, Mann teaches the claimed, "analyzing the content of a query to determine the at least one content category of the query" (col 3, lines 50-55) "and identifying at least one domain of the at least one search engine suited to service the query according to the content category" (col 7, lines 1-22) Figure 5A, #507).

Regarding Claims 4, 9, and 14, Mann teaches the claimed, "identifying the at least one domain according to a scope of the query" (i.e. moneytax.com) (col 4, lines 29-39).

Regarding Claims 5, 10 and 15, Mann teaches the claimed, "child categories" (i.e. domain names in accordance with user-specified criteria such as user-specified root terms or names which are automatically concatenated, in particular the root specifies a parent within the hierarchy in which the sub root is the child) (col 4, lines 10-18).

Other Prior Art Made of Record

The prior art made of record and not relied upon is considered pertinent to Applicant's disclosure.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Diane D. Mizrahi whose telephone number is (703) 305-3806. The examiner can normally be reached on Monday-Thursday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Dov Popovici can be reached on (703) 305-3830. The fax phone numbers for the organization where this application or proceeding is assigned

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are (703) 305-9000 for regular communications and (703) 305-9000 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-9001.



Diane Mizrahi
Primary Patent Examiner
Technology Center 2100

July 7, 2004